

STEFANESCU, A

RUMANIA/Nuclear Physics - Nuclear Power and Technology

C-8

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17636

Author : ~~Stefanescu Alex.~~
Inst : Not Given
Title : The Rumanian Nuclear Reactor

Orig Pub : Energetica, 1957, 5, No 11, 522-524

Abstract : No abstract

Card : 1/1

9

PURICA, I.; STEFANESCU, A.; SABAU, M.

Spatial variation of the neutron spectrum in a moderate heterogeneous
reactor cooled with natural water. Studii cerc fiz 11 no.2:323-330
'60. (EEAI 10:1)

(Neutrons) (Spectrum analysis) (Nuclear reactors)
(Water)

STEFANESCU, A.; SABAU, M.

Utilizing the reactor VVR-S for the method of oscillating cell.
Studii cerc fiz 12 no.3:543-556 '61.

1. Institutul de fizica atomica, Bucuresti.

(Nuclear reactors) (Nuclear spectra)

CRISTESCU, Traian; ROMANESCU, Dragomir; SOARE, Andrei; STEFANESCU, Aurelian

On the results obtained by the mining magnetometric prospecting
in Rumania. Probleme geofiz 2:225-241 '63.

AGRICULTURE

RUMANIA

BUDOL, Gh., Dr, STEFANESCU, A., Eng, and OITEANU, A., Eng, Bucharest [affiliation not given]

"Valuable Fodder Cultures."

Bucharest, Natura. Seria Biologie, Vol 18, No 2, Mar-Apr 66, pp 32-37.

Abstract: The authors discuss the biological properties of fodder crops and the current development of agricultural science in theory and practice with regard to increasing fodder production. The crops discussed are leguminous fodders, lucerne, red clover, coxhead, soya, fodder grains, corn, sorghum and mixed fodder cultivations.

Includes 3 figures.

1/1

L 64816-65

ACCESSION NR: AP5023226

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, GC

NR REF SOV: 000

OTHER: 030

JPRS

MLR
Card 2/2

SIRHANU, C.

Ways toward 22 microns. St si Teh Buc 16 no. 7:28-29
J1 '64.

1. Institute of Zootechnic Research.

STEFANESCU, Ch.
RUMANIA/Cultivated Plants - Fruits. Berries.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15790
Author : S. Popa, B. Baltadzhi, P. Banitse, Ch. Stefanescu^C
Inst : -
Title : Thinning and Side-Shooting in Cultivating Grape Vine
Stocks.
(Prorezhivaniye i pasynkovaniye pro vyrashchivani
podvoyev vinogradnykh loz).
Orig Pub : Gradina, via si livada, 1957, 6, No 6, 30-34.
Abstract : It was established by experiments 1950-1954 that when
the thinning and side-shooting of stock vines is pro-
perly carried out the number of grape stalks and the
percentage of grafts of the prime variety are increased.
With the side-shooting of green shoots better quality
grape stalks are obtained as well as more than with the
side-shooting of lignified shoots. The viability of
grafts of Fetyaska belaya x Kober 5BB

Card 1/2

148

STEFANESCU, C.

STEFANESCU, C. Cresterea miilor sugari. Bucuresti, Agro-Silvica de Stat, 1955. 112 p.
(Breeding of suckling lambs)

DA Not in DLC

Vol. 3, nos. 184, 186-196; Jan.-Mar. 1956
AGRICULTURA NOUA.
EUCURESTI, RUMANIA

So: Eastern European Accession Vol. 5 No. 4 April 1956

RUMANIA / Farm Animals. Small Horned Stock.

Q-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54775.

Author : Teodoreanu N., Stefanescu C., Hustiu C.
Inst : Not given.
Title : An Outline of the Zootechnical and Regional Map
of the Rumanian Breeds of Sheep.

Orig Pub: Bul. stiint. Acad. RPR. Sec. biol. si stiinte
agric. Ser. agron., 1957, 9, No 1, 51-69.

Abstract: The quantity of precepitation in a year in dif-
ferent districts of Rumania was taken as a basis
for the regional division of the breeds of sheep
as follows: for fine-wool sheep - 600 mm., for
semi-fine-wool sheep - 800 mm., for coarse-wool-
sheep - over 800 mm.; for Karakul sheep - 540 mm.,
and for Karakul hybrids - 500-550 mm. The dis-
tricts where various breeds of sheep are being
raised are indicated.

Card 1/1

STEFANESCU, C., dr. (Bucuresti)

Increasing the production of fine and semifine wool by wether breeding.
Natura Biologie 16 no.4:47-49 J1-Ag '62.

RUMANIA

STEFANESCU, C., Dr, of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice)

"The Breeding of Wethers for Fine Wool and Meat."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 9, Sep 63, pp 35-40.

Abstract: Reviews the importance of wethers as a basic source for increasing Rumanian wool and meat production, emphasizing the measures to be adopted for the improvement of the quality of the animals and the effect of feeding and maintenance conditions on yield. Includes comparative statistical data to show this effect.

Includes 2 tables and 8 references, of which 1 is French, 1 Russian and 6 Rumanian.

1/1

ZALARU, M.C., dr.; STEFANESCU, Carmen, dr.; SIRKIS, Ana, dr.; ARGHIRIAD, Gabriela, dr.; DUMITRESCU, Alma, dr.

Considerations on indirect hyperbilirubinemia of the Gilbert type (juvenile intermittent jaundice). Med. intern. 16 no.2: 241-246 F'64.

1. Lucrare efectuata in Spitalul studentesc, Bucuresti.

*

DIOSI, P.; HENTIU, V.; BIRT, E.; GEORGESCU, C.; MARIN, E.; STEFANESCU, C.

Statistical and bacteriological studies connected with a widespread epidemic of intrahospital pathogen staphylococcal infections. Microbiologia (Bucur) 6 no.1:65 Ja-F '61.

*

DICSI, P.; HENTIU, V.; BIRT, E.; MITREA, I.; STEFANESCU, C.

Epidemiological considerations related to the staphylococcal infection observed in a closed group of children. Microbiologia (Bucur) 6 no.1: 65-66 Ja-F '61.

*

RUMANIA

STEFANESCU, C., Dr, and CIOICA, N., Dr, of ICZ [Institutul de Cercetari Zootehnice; Zootechnical Research Institute]

"Selection Problems in Sheep Breeding."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 9, Sep 66, pp 32-36.

Abstract: The authors call attention to the importance of improving the stocks of Rumanian sheep in order to obtain larger total and average productions. The problems and measures involved in a vast selection and improvement program are outlined, and some suggestions are given to ensure its successful conclusion.

1/1

- 117 -

STEFANESCU, C.

STEFANESCU, C. About a case of corrosion due to cavitation! p. 210

Vol. 3, no. 6, June 1956

REVISTA TRANSPORTURILOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

STEFANESCU, C.

STEFANESCU, C. Characteristic magnitude of the hull of commercial vessels. p. 329.

Vol. 3, no. 9, Sept. 1956

REVISTA TRANSPORTURILOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

Stefanescu, C.

STEFANESCU, C.

STEFANESCU, C. Simplified and rationalized execution of light internal walls in ships. p. 9.

Vol. 4, no. 1, Jan. 1957.

REVISTA TRANSPORTURILOR.

TECHNOLOGY

RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

STRENGTHENING, T.

Breaking the propeller shaft of a motor barge by variable strains.

p. 377 (Revista Transporturilor. Vol. 4, no. 9, Sept. 1957. Bucuresti, Rumania)

Monthly Index of East European Accessions (MEEA) IC. Vol. 7, no. 2,
February 1958

STEFANESCU, C.

Materials for ship propellers. Tr. from the Rumanian. p.214

JARMUVEK MEZGAZDASAGI GEPEK. (Gepipari Tudomnyos Egyesulet)
Budapest, Hungary
Vol. 5, no.7/8, 1958

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.7, July 1959
Uncl.

STEFANESCU, C

TECHNOLOGY

PERIODICAL: REVISTA TRANSPORTURILOR, Vol. 5, no. 12, Dec. 1958

STEFANESCU, C. Saving of metals in modern shipbuilding by means of rational use of laminated products. p. 531

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass

310, 311, 312, 313

310, 311, 312, 313

Development of the method of casting in metal mold in the
presence of an inclined surface. p. 35.

Vol. 1, p. 5, June 1957.
ISSUED IN THE U.S. BY THE U.S. AIR FORCE.
FORM 100
GPO: 1957

See: Last European Acquisition, Vol. 1, p. 5, June 1957

STEFANESCU, C.; VINES, V.; SOFRONI, L.

"Use of nodular-graphite cast iron in manufacturing agricultural machinery."

p. 321 (Studii Si Cercetari De Metalurgie) Vol. 2, no. 3, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

STEFANESCU, C.; GENTIU, I.

Manufacture of casts and molds from mixtures with soluble glass as binding matter, hardened with carbon dioxide. p. 11.

(METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 9, no. 6, June 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957
Uncl.

STEFAN, C.

A new method of founding with casting molds.

p. 1 (Tit: *Probleme Si Constructia De Masini*. Vol. 1, no. , An. 1957. Bucuresti, Romania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

STANBROOK, C.

The role of advanced technology in saving metal in the machine-construction industry. Pt. 1. (To be condt.)

D. 69 (ROMANIA) DE CONSTRUCTIA DE MASINI (Bucharesti, Romania) Vol. 10, No. 1, Jan. 1958

30: Monthly Index of East European Accessions (MIEA) LC Vol. 7, No. 5, 1958

STEFANESCU, C.

TECHNOLOGY

Periodicals: METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 10, no. 6, June 1958

STEFANESCU, C. Development and continuous improvement of the material-production basis in the processing industry, 1948-1958. p. 487

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

STEFANESCU, C. : STEFLEA, T : TEODORESCU, S.

Additions to the use of methane gas in the founding process in cupola furnaces. p. 671

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor din Romania) Bucuresti, Rumania
Vol. 11, no 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC Vol 9, no. 2 Feb. 19⁶50.

Uncl.

STEFANESCU, Claudiu, ing.; MARINESCU, Virginia, ing.

Execution of cores in heated core boxes. Metalurgia constr mas 13
no.9:751-758 S '61.

(Coremaking)

KATONA, Ludovic; STEFANESCU, Constantin

More attention to mass educational work by using films.
Munca sindic 7 no.12:42-45 D '63.

1.Instructori la Comisia cultural-educativa a Consiliului
Central al Sindicatelor.

STEFANESCU, Cristofor, ing.

Damages to diesel-driven lines of shafts, due to the fatigue phenomenon.
Rev transport 10 no.4:170-176 Ap '63.

STEFANESCU, Cristofor, ing.

River ships with reinforced structures. Rev transport
10 no. 8: 382-385 Ag '63.

HUTTMANN, A.,; PASZTOR, P.,; GHIMRASIM, M.,; COJOCARU, L.,; CIRSTOCHA, I.,
; NICULESCU, M.,; TAPFET, E.,; STAMFANESCU, C.R.,; MOSOIU, G.

Diagnosis and therapy of sciatica; clinical study of 100 cases.
Probl. reumat., Bucur. Vol. II.:49-84 1954.

(SCIATICA

etiol, differ. diag. & ther.)

(INTERVERTEBRAL DISK DISPLACEMENT, compl.

sciatica, differ. diag. & ther.)

(POSTURE

in ther. of sciatica caused by intervertebral disk
displacement)

(PHYSICAL THERAPY, in various dis.

sciatica caused by intervertebral disk displacement)

HUTTMANN, A.,; RADULET, Fl.,; PASZTOR, P.,; TAFFET, E.,; CIRSTOCEA, I.,;
STEFANESCU, C.R.,; COJOCARU, L.,; KRASHOSELKI, K.

Study of cervical disk hernia. Probl. reumat., Bucur. Vol. II.:
137-150 1954

(INTERVERTEBRAL DISK DISPLACEMENT
cervical)

NICULESCU, M.; HUTTMANN, A.; STEFANESCU, C.R.; HENTU, V.;
MESAROSIU, A.; CALIMAN, N.; DIMA, O.; DIMA, V.

Post-tonsillitis period. Probl. reumat., Bucur. Vol.II:151-160
1954.

(TONSILLITIS, compl.
rheum. dis.)

(RHEUMATIC HEART DISEASE, etiol. & pathogen. tonsillitis)

(RHEUMATISM, etiol. & pathogen.
tonsillitis)

HUTTMANN, A.; CINDEA, V.; CRINTEA, R.; ENYEDI, C.; STEFANESCU, C. R.

Humoral changes in Sokolski-Bouillaud's rheumatism. Probl. reumat., Bucur. 3:134-210 1955.

(RHEUMATIC HEART DISEASE

Bouillaud's dis., eff. on body fluids)

(BLOOD, in various dis.

Bouillaud's dis., coagulation, proteins & sedimentation rate.)

(URINE

proteins & thyroxin, in Bouillaud's dis.)

(PROTEINS

in blood & urine in Bouillaud's dis.)

STEFANESCU

SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.;
MOLHO, M., dr.

Non-hemorrhagic complications of heparin therapy. Med.
int., Bucur. 3 no.7:1064-1066 Nov 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc"
director: prof. R. Brauner.

(HEPARIN, inj. eff.

non-hemorrh. disord. caused by heparin ther.)

(FEVER, etiol. & pathogen.

heparin ther. causing chills & fever)

(SKIN DISEASES

rash, urticaria, pruritus & other disord. caused by

heparin admin.)

(ALLERGY, etiology & pathogenesis

heparin)

STEFANESCU, C.

HUTTMANN, A.; MOSOIU, G.; BAROUHOGLU, B.; STEFANESCU, C.; TISCHLER, C.

Rheumatism in a forest environment. Probl. reumat., Bucur. 4:
201-212 1956.

(RHEUMATISM

in forest workers in Rumania, etiol. & incidence)

(OCCUPATIONAL DISEASES

rheum. in forest workers in Rumania, etiol. & incidence)

BRAUNER, R., Prof.; SORIN, E., Dr.; BELIGAN, Gr., dr.; STEFANESCU, Carmen, dr.;
PRODESCU, V., dr.

Heparin therapy of cardiovascular diseases. Med. int., Bucur.
8 no.3:380-385 July 56.

1. Lucrare efectuata in Clinica medicala Spitalul "Brincovenesc."
(HEPARIN, ther. use
angina pectoris, myocardial infarct & peripheral vasc.
dis.)
(ANGINA PECTORIS, ther.
heparin)
(MYOCARDIAL INFARCT. ther.
heparin)
(VASCULAR DISEASES, PERIPHERAL, ther.
heparin)

HUTTMANN, A.; PASZTOR, P.; COJOCARU, L.; TAFET, E.; ULARIU, I.; ENYEDI, C.;
FRUMUZACHE, A.; IANCU, I.; MOSOIU, Gr.; STEFANESCU, C.

Correlations between the degenerative changes in the cervical
spine and arterial hypertension. Probl. reumat., Bucur. no.6:
99-108 '59.

(HYPERTENSION, etiology)

(SPINE, diseases)

(OSTEOCHONDRITIS, complications)

(ARTHRITIS RHEUMATOID, complications)

ANDRIAN, A.; COJOCARU, Gh.; BORSARU, I.; AFTENIE, B.; STEFANESCU, C.

Thoracoplasty in pulmonary tuberculosis. The results obtained in 428 cases (620 surgical interventions) at the end of 5-15 years following the operation. Rumanian M Rev. no.2:24-27 Ap-Je '60.
(TUBERCULOSIS, PULMONARY surgery) (THORACOPLASTY)

STEFANESCU, C. (L.)

DATE
SOURCE (If copy); Given Name

Country: Romania

Academic Degree: Dr.

Affiliation: [not given]

Source: Bucharest, Microbiologia, Parasitologia, Epidemiologia, No 3,
May-June 61, pp 247-252.

Date: "Winter Typhoid Epidemic Due to Sh. Flexneri."

Co-authors:

MASTIIU, V., Dr. [affiliations not given]
BIRT, S., Dr.
STEFANESCU, C., Dr.

LARI, I.; STEFANESCU, D.

Aspects of mathematical logic in analyzing the information on geophysical properties of geologic formations. Petrol si gaze 15 no.2:49-53 F '64.

STEFANESCU, D., ing.

Ceramic blocks with thin walls. Constr Buc 16 no. 750:2
23 May '64.

1. Head of the Department of Production, the "7 Noiembrie"
Enterprise of Construction Materials, Bucharest.

STEFANESCU, D., ing.

Description of the automation and operation of the Skoda
electrogen group. Rev cailor fer 12 no. 7:392-398 J1 '64.

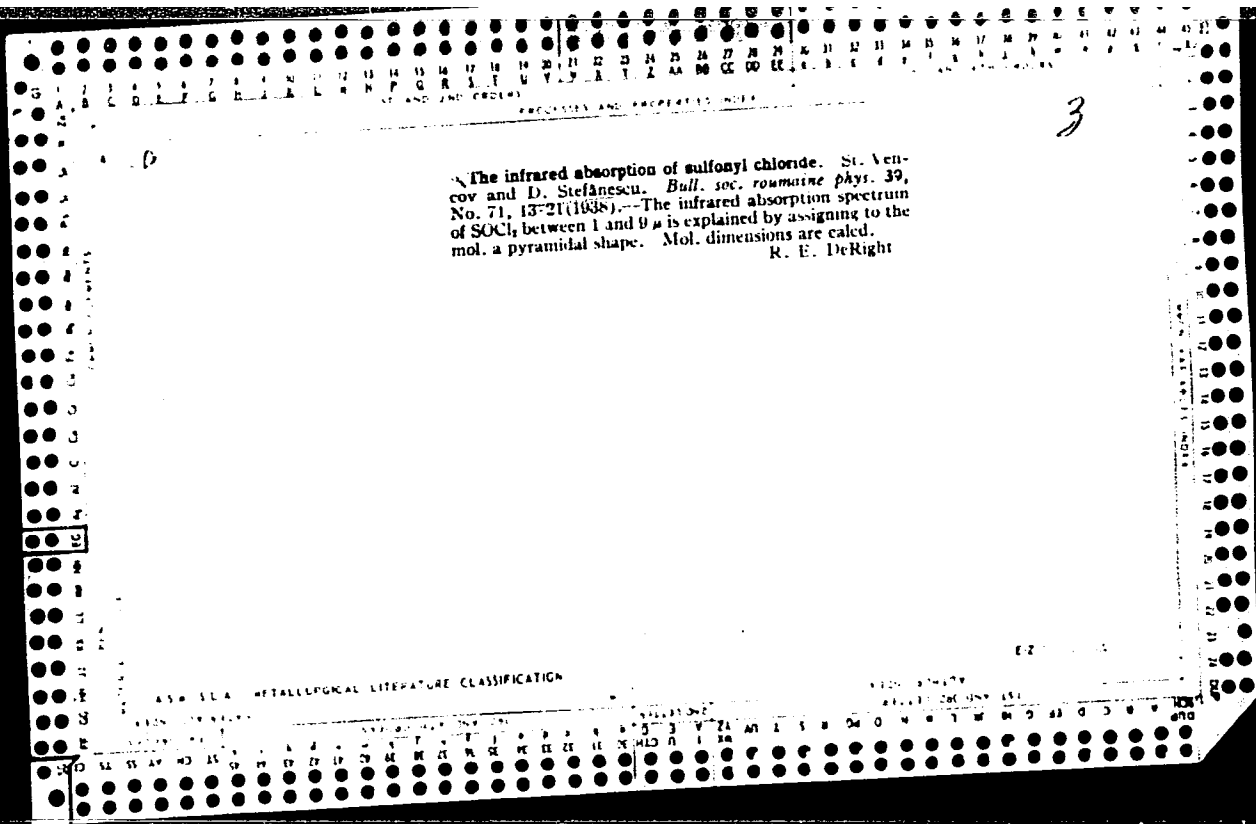
1. The Rosiori C.T-3 Section.

LIST AND END ORDERS PROCESSES AND PROPERTIES

3

Absorption of cyanogen in the near infrared. D. Stefanescu. *Bull. soc. roumaine phys.* 38, No. 68, 29-33 (1937). -By use of a Hilger spectrometer for infrared, with a W ribbon lamp as source, the bands 1.42, 1.60, 1.95, and 2.7 μ (relative intensities 8, 18, 25, 75) were detd. for (CN). With the Raman spectra and Burmeister's results (*C. A.* 7, 3704) the following fundamental frequencies were detd. 860, 2336, 2150, 711 and 512 cm^{-1} . Janet E. Austin

ASSN 35.4 METALLURGICAL LITERATURE CLASSIFICATION



1100. Infra-red absorption spectrum of cyanogen. D. ȘTEFĂNESCU AND S. VIKROV. *Soc. Roumaine de Physique*, 60, 73, pp. 25-30, 1939.—

The authors have studied the infra-red absorption of gaseous cyanogen between 1 and 9 μ and obtained 10 absorption bands. Burmeister's results in the infra-red, the Raman frequencies and the u.v. absorption spectrum have been used for the attribution of these bands to the frequencies of the molecule. Each individual band is specially discussed. The authors end their paper with a general review of the constitution of the CN radical.

AUTHORS.

SA

A 53
i

1ST AND 2ND ORDERS
PROCESSES AND PROPERTIES INDEX
140 AND 4TH ORDERS

Common Variable Index

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

FROM BOWERS

1ST AND 2ND ORDERS

Common Variable Index

LIST AND INDEX ORDERS
PROCESSES AND PROCEDURES IN USE

CA

3

Infrared absorption spectrum of chlorosulfonic acid.
S. Vencov and D. Stelănescu. *Bull. soc. roumaine
phys.* 40, No. 74, 45-56 (1939); *Science Abstracts* 43A,
472-3. —The infrared absorption spectrum of SO_2HCl is
studied between 2.5 and 9 μ . Eight new bands are
found, of which 7 belong to S—Cl (4 fundamentals and 3
harmonics) and one (harmonic) to S=O. The above
attributions are made possible, in spite of the dissymmetry
of the mol., by comparison with Raman spectra of H_2SO_4
and of the sulfates. C. I. R.

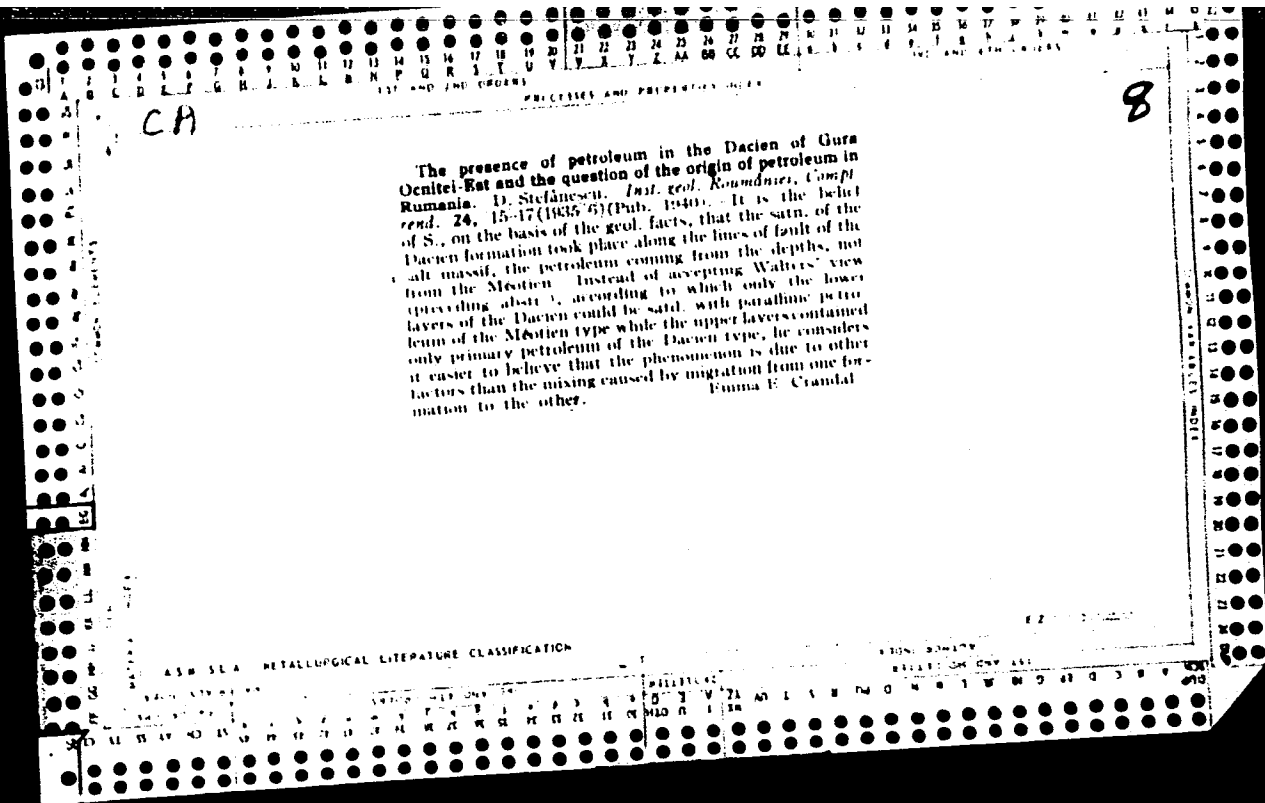
AS 31 A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED SERIALIZED INDEXED FILED

APR 1960

U.S. DEPARTMENT OF COMMERCE

LIBRARY OF CONGRESS



SA

ASy

541.654 : 535.348.4 : 535.375.56
750. The molecular structure of nitromethane.
BRODAN, S. AND STRÄNBECK, D. *Bull. Soc. Chimique
Phys.*, 42 (No. 78) 73-80 (1941) in German.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

Stepănescu, D.

✓ Polymerization study by infrared spectrophotometry of some macromolecular products obtained from castor oil. D. Stepănescu and N. Stănescu (Fac. Matematici fiz. București. Rev. univ. "C.I. Parhon" politehn. București, Ser. ştiinţ. nat. 4, No. 8, 73-82(1955).—On the basis of visible and near-infrared spectrophotometry, in the region 0.5 to 2.5 μ , the authors have established that polymerization products obtained from castor oil are polyesters and have a linear structure. R. Mavrodineanu

2

~~11/11/55~~
0000

SH

LFI

Rumania/ Chemistry of High Molecular Substances.

F

Abs Jour : Referat. Zhurnal Khimiya. No 6, 1957, 19416.

Author : N. Martalogu, D. Stefanescu.

Inst : Academy of People's Republic of Rumania.

Title : X-Raygrams of Some New Polycondensates.

Orig Pub : Comun. Acad. R.P.R., 1955, 5, No 12, 1707-1711.

Abstract : An X-ray study of the product I was carried out. This product was prepared by the authors by polycondensating a mixture of glycerides in presence of $ZnCl_2$ or a solution of $HClO_4$. A similar study of I treated with hexamethylenetetramine. with the subsequent storage of the produced films at 200° was carried out too. The X-raygrams of I prepared in presence of $ZnCl_2$ and $HClO_4$ are identical and indicate a linear structure, which is in accordance with the elastic properties of I and its solubility. The X-ray study shows that I does not alter after a heating at 180° for 8 hours.

Card 1/1

-7-

STEFANESCU, D., Prof.; TUCHEL, N.; AVRAM, L.

Superficial tension of electrolyte solutions and their specific conductivity. Rumanian M. Rev. 2 no.2:93 Apr-June 58.

(ELECTROLYTES

superficial tension of electrolyte solutions & their specific conductivity)

STEFANESCU, D.

High-frequency discharges in methane. E. Badarau, D. Stefanescu, and C. Popovici. *Rev. phys., Acad. rep. populare Roumaine* 4, 5-13(1959)(in French).—The objective was to det. the mechanism of the discharge phenomena and establish the nature of the products obtained. The discharge tube of borosilicate glass was 620 mm. long and had a diam. of 58 mm. The external 5 mm. Al wire electrodes were in coaxial spools 70 mm. long and 72 mm. in side diam., positioned at the extremities of the discharge tube. The expts. were performed at 4300 v. electrode voltage, 100 ma. discharge current 600 kHz frequency, and a gas pressure of 6 mm. Hg at 0°. The gas velocity was the variable parameter. A product in the form of brittle platelets formed on the walls of the discharge tube in the neighborhood of the electrodes. The product was a polymer of C and H (formula $(CH)_n$) which was insol. in >60 org. solvents, indicating n was high. The color of the platelets changed from yellow in the marginal region of the electrodes, close to the pos. column, to yellow-red at the level of the electrodes. All platelets had the same compn. and properties, except some light-yellow ones whose slight soly. in $C_2H_5NO_2$ indicated a lower degree of polymerization. Other properties of the main polymer were: thermal stability to 350°; complete inertness to Br, Cl, O_2 , O_3 , and to acids such as HCl, HF, HNO_3 ; considerable resistance to concd. H_2SO_4 ; and high purity. No C or other product was deposited on the wall of the discharge tube whatever the flow rate of the gas. The deposition of the polymer from CH_4 was accompanied by the formation of C_2H_2 and of liquid products, such as cyclopentadiene and indene. The liquids were easily sep'd. by distn. or by trapping at different temps. The yield of C_2H_2 was very sensitive to gas-flow rate and passed through a sharp max. as the rate was increased. The yield was 25% of that

corresponding to the reaction: $2 CH_4 \rightarrow C_2H_2 + 3 H_2$. By increasing the length of the pos. column, which was done by increasing the distance between electrodes while maintaining the potential gradient in the column const., the yield of C_2H_2 could be raised considerably. For example, at a flow rate of 0.045 cm./sec. the C_2H_2 yield rose from 8.5 to 24.44% of the theoretical yield (by wt.) when the distance between electrodes was increased from about 8 to 42 cm. When CH_4 was introduced at one end of the discharge tube and evacuated through the other, the amt. of polymer formed near the 2nd electrode (in the direction of flow) was 20 times larger than that formed near the 1st electrode. When CH_4 was introduced through the ends of the tube and evacuated from its middle, equal amts. of polymer were deposited near the 2 electrodes. The increased amt. of polymer found close to the 2nd electrode was due to the polymerization of C_2H_2 in that region. C_2H_2 is formed by the mechanism $2 CH \rightarrow C_2H_2$. Formation of CH radicals in the discharge, in large concns., is highly probable. The absence of C formation is attributed to the reaction $C_2 + 2 H \rightarrow C_2H_2$, which was favored by the large concn. of H atoms present, as evidenced by the intense blue-violet color of the discharge.

S. Alexander Stern

4E3d
4E2c/y
127 (NA)
6

STEFANESCU, D., prof.; TUCHEL, N.

Contributions to the study of staining reactions of colloidal clay.
Rumanian M Rev. no.4:86-87 O-D '60:

(STAINS AND STAINING) (COLLOIDS)

ISACESCU, D. A.; STEFANESCU, D.; URSU, Victoria

Oxidasic and peroxidasic action. VII. Study of the blue complex obtained from catalase, hemin, or ferrous sulfate with benzidine in the presence of hydrogen peroxide, by means of infrared rays, radioactive isotopes, and electronic microscopy. Studii cerc chim 8 no.3:419-429 '60.
(EEAI 10:9)

1. Facultatea de farmacie, Laboratorul de biochimie, Bucuresti.
2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Isacescu).

(Oxidases) (Peroxidases) (Complex compounds)
(Catalase) (Hemins) (Iron sulfates)
(Benzidine) (Infrared rays) (Hydrogen peroxide) (Iron)

STEFANESCU, D.; TUCHEL, N.; NECULA, Lucia; ANTONESCU, Vasilica; LENHARDT, E.

Contributions to the study of the stability of PAS sodium injectable solutions. Rumanian M Rev. no.3:80-83 '61.
(PARA-AMINOSALICYLIC ACID chemistry) (CHEMISTRY, PHARMACEUTICAL)

STEFANESCU, D.; STANOIU, II.

Contributions to the preparation technique by pressing the scintillation disks for neutron detection. Studii cerc fiz 14 no.2:143-147 '63.

1. Institutul de fizica atomica, Bucuresti.

L 34953-66 EWP(e)/EWP(t)/ETI LJP(c) WH/WI/JD

ACC NR: AP6026648

SOURCE CODE: RU/0017/66/000/001/0013/0017

AUTHOR: Stefanescu, D. M. (Engineer)

ORG: none

TITLE: Effect of tin on the properties of some gray cast irons with lamellar graphite of different degrees of eutecticity

SOURCE: Metalurgia, no. 1, 1966, 13-17

TOPIC TAGS: cast iron, tin, graphite, pearlite, graphitization

ABSTRACT: The author found experimentally that addition of tin to cast irons increases the perlite proportion, and when used with a low degree of eutecticity and a small-diameter test part results in a graphitization effect higher than that produced by silicon. Use of tin-treated cast iron is suggested for the casting of pieces with walls of varying thicknesses which must have a high structural uniformity. Doctor, Engineer L. Sofroni gave scientific supervision of this work. Orig. art. has: 10 figures and 2 tables. [Based on author's Eng. abst.] [JPRS: 36,646]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004

Card 1/1

UDC: 669.131.6:669.6

0916 2325

BENETATO, Antoaneta; BUBUIANU, Elena; STEFANESCU, Elisabeta

Variations of the urinary excretion of the free sympathomimetic amines in the sick suffering from primitive glaucoma. Studii cerc fiziol 4 no.4:467-475 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.

(GLAUCOMA)
(URINE)
(EXCRETION)
(SYMPATHOMIMETIC SUBSTANCES)
(AMINES)
(ADRENALIN)
(ARTERENOL)

BENETATO, Gr., acad.; BACIU, I.; VITEBSCHI, V.; STEFANESCU, E.

Tests in isolating and characterizing the phagocytostimulating substances of blood plasma. Studii cerc fiziol 4 no.4:485-500 '59.
(EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.

(BLOOD PLASMA)

(PHAGOCYTES)

(STIMULANTS)

(BARIUM SULFATE)

(ALUMINUM HYDROXIDE)

(METHANOL)

ATHANASIU, P.; SURDAN, C.; SARATEANU, D.; POPESCU-DANESCU, G.;
STEFANESCU, E.; MARIN, D.; VELCIU, V.

Studies on the viral etiology of certain chronic pneumopathies.
Rev. sci. med. 8 no. 1/2:7-10 '63.

(BRONCHITIS) (ASTHMA) (PULMONARY EMPHYSEMA) (RICKETTSIAL DISEASES)

See also, e.g., "The British system as a rule of law," 1957,
"The British system," *Journal of Law and Economics*, Vol. 4, no. 1, pp. 1-15.

See: "The British system of East European admissions," (1957), *Journal of Law and Economics*, Vol. 4, no. 1, Oct. 1957,
1-15.

STEFANESCU, E.

Analysis of cotton fibers in polarized light. p. 451

INDUSTRIA TEXTILA, Bucuresti, Vol 6, No. 12, Dec., 1955

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

STEFANESCU, E.; DODU, A.

Some considerations on increasing the durability of men's socks. p.400

INDUSTRIA TEXTILA. (Asociatia Stintifica a Inginerilor si Tehnicienilor din
Romina si Ministerul Industriei Usoare)
Bucuresti, Rumania
Vol. 10. no.10, Oct.1959

Monthly List of East European Accessions (EEAI) IC., Vol. 9, no.1, Jan. 1960
Uncl.

STEFANESCU, Eufrosina, ing.

Polyesteric fibers; their types, properties, and range of utilization.
Ind text Rum 13.no.1:4-6 Ja '62

1. Institutul de cercetari textile.

HALALAU, I., ing.; STEFANESCU, Eufrosina, ing.; DODU, A., ing.

Main technical parameters of polyamide fibers and threads and their influence on the processing technology and quality of finished products. Ind text Rum 19 no.6:221-224 Je '62.

IONESCU, G., CALOENESCU, C.; STEFANESCU, FL.; IONESCU, AL., GELES, H.;
ZIRNOVEANU, G.

Results of tests with explosion and geophone groups in the
Transylvanian Basin. Petrol si gaze 15 no. 7:326-341. Ji
'64.

NISTOR, I.; STEFANESCU, F.; TAZLAUANU, V.

Coke briquettes from noncoking or weakly coking coals by thermochemical treatment. Pt.7. Rev electrotechn energet 9 no.1: 133-144 '64.

TUCHEL, N.; ANTONESCU, Vasilica; GHEORGHE, Virginia; STEFANESCU, Felicia

Contributions to the study of drug stability. I. Stability of
acetylsalicylic acid in solutions and suspensions. Rumanian med.
rev. no.2:90-94 '62.

(ACETYLSALICYCLIC ACID)

BLUM, L.; NISTOR, I.; STEFANESCU, F.; TAZLAUANU, V.

Coke briquette from the nonagglutinant or poorly agglutinant coals obtained by thermochemical treatment. VI. Studii cerc energet B 12 no.2:245-253 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de energetica, Seria B: Termoenergetica si utilizarea energetica a combustibililor" (for Blum).

POP, Emil, academician; HERMAN, Gheorghe; CACHITA-COSMA, Dorina; SORAN,
Viorel; STEFANESCU, Felicia

Research on the evolution of the absorption capacity of the
Quercus robur L. cotyledons. Studii cerc biol veget 15 no.3:
331-339 '63.

1. Academia R.P.R., Filiala Cluj, Centrul de cercetari biologice,
Sectia de fiziologia plantelor, si Institutul medico-farmaceutic
Bucuresti, Facultatea de farmacie, Catedra de botanica farmaceutica.

IONESCU, Tudor, ing.; TOMA, D., ing.; IVAN, Gh., inginer-sef; GLOD, Gheorghe, ing.; STEFANESCU, Fl., ing.; ASANDEI, G., ing.; NEAGSU, Ion, ing., laureat al Premiului de Stat

Our investigation. Constr Buc 16 no. 739:3 7 March '64.

1. Dispecer la Trustul de constructii nr.1, Bucuresti (for Toma).
2. Din serviciul de proiectare al Trustului de constructii nr.5, Brasov (for Glod).
3. Directorul Directiei mecanizarii, Directia generala constructiimontaj, din Ministerul Industriei Constructiilor (for Stefanescu).

RUMANIA / Cultivated Plants. Fruit Trees. Small M-7
Fruit Trees.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73174.

Author : Stefanesku, Gh.

Inst : Not given.

Title : Rootstock Thinning in Vineyards.

Orig Pub: Gradina, via si livada, 1955, 4, No 5, 49-53.

Abstract: No abstract.

Card 1/1

147

Card 1/1

M-6

RUMANIA / Cultivated Plants. Fruits, Berries,
Nutbearing, Teas.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6461

Author : Stefanescu, Gh.; Banita, P.; Baltagi, B.

Inst : Not given

Title : Study of Dry Pruning of Rootstocks of Grapevines

Orig Pub : Comun. Acad. RRP, 1957, 7, No 8, 727-732

Abstract : It was established at the experimental stations of viniculture of Dragashan and Krachunel (Rumania) in 1951-1954 that the dry pruning of grapevine stocks (Berlandieri x Riparia Teleki 8B and Berlandieri x Riparia Cober 5BB, Riparia Gloar), when small branches of 2 cm with two and 4 buds are left, causes the vegetation of shrubs to

Card 1/3

152

RUMANIA / Cultivated Plants. Fruits, Berries,
Nutbearing, Teas

M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6461

begin 8 - 10 days earlier in comparison with the control (pruning without branches left). The more branches were left, the greater the average increment of sprouts was, up to the moment of the first cultivation. The growth and the size of sprouts in prunings where small branches were kept, especially if they were 2 cm long, were more uniform, than in variants where the branches were removed. The greatest yield of stock scions (with hilling of shrubs) was obtained by pruning and by keeping branches of 2 cm long (178.000), the smallest yield resulted from short pruning (without branches) - 171.500 scions from 1 ha. It is recommended to hill the shrubs for the winter

Card 2/3

Country : Rumania
 Title : Cultivated Plants. Fruits. Berries. Vitis. Tea.
 Author : Salbagi, B.; Popa, S.; Stefanescu, Gh. *
 Institution : Craiunel and Dragasani Viticulture Stations
 Title : Cultivating Stock Vines by Various Supporting Systems.
 Journal : Gradina, via si livada, 1958, 7, No.2, 16-22
 Summary : It has been established by experiments made by the Lower Craiunel and Dragasani Viticulture stations in 1949-1955 that when growing the stock grapevine on a trellis 51% less support is expended and it is easier to perform the required vegetating operations. It is however possible with the pyramid system to treat the soil mechanically from two directions and provide better ripening of the wood. The amount of bunches
 * Enita, 2.
 CAB : 1/2

MARINESCU, Mircea, ing.; BRATESCU, Craciun; STEFANESCU, Gheorghe, ing.

Cupola furnace with redistributed air. Metalurgia constr mas 15
no.2:102-108 F '63.

1. Uzina "Semanatoarea", Bucuresti.

STEFANESCU Goanga, A., ing.

Considerations on the relationship between the propagation
velocity of ultrasonics and the compression strength of
concrete. Rev constr si mat constr 16 no. 6:283-289 Je '64.

STEFANESCU, I.
SHTEFENESKU, P.; ~~SHTEFENESKU, I.~~

Gravimetric determination of lead. Zav.lab. 26 no.9:1080 '60.
(MIRA 13:9)

1. Institut "Petrokhim", g. Ploieshti, Rumyniya.
(Lead--Analysis)

STEFANESCU, I.

The labor force in the exploitation of forests of the Ploesti region. p. 329.

COMUNICARILE. Bucuresti, Rumania. Vol. 8, no. 3, Mar. 1958.

Monthly List of East European Accession (EEAI), LC, Vol. 8, No. 9, September, 1959.

Uncl.

STEFAN ESCU, I.

Concerning the problem of briquetting, without cohesive material,
of some Roumanian coals. Revista Minelor (Mining Journal), #3:81:Mar 55

STEFANESCU, I. ; CHEORGHITA, S. ; GEORGESCU, D.

Use of large concrete blocks for dwellings and social-cultural buildings in
Rumania. P. 29.

(INDUSTRIA CONSTRUCTIILOR SI A MATERIALEOR DE CONSTRUCTII. RUMANIA. Vol. 7, no. 1 .
Jan. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

SARATEANU, D.; SURDAN, C.; SORODOC, G.; ANAGNOSTE, B.; STEFANESCU, I.
in colaborare cu DUMA, M.; MARTA, M.; VASILE, C.; FLORESCU, T.;
PAICU, P.

Research on active immunization against ovine enzootic
abortion. Immunological study in various epizootiological
conditions. Stud. cercet. inframicrobiol. 14 no.3:283-294
'63.

(ABORTION, VETERINARY) (SHEEP DISEASES)
(RICKETTSIAL DISEASES) (IMMUNOLOGY)

STEFANESCU, I., prof. ing.; MARCHIS, A., conf. ing.; REICHER, F.,
lector ing.; MARCHIS, Olimpia, lector ing.

Method for regulating and measuring the tension of warp yarn
unwound from the preliminary beams on the warp sizing machines.
Ind text Rum 14 no.6:258-261 Je '63.

BURDUJA, I., conf.; MARCHIS, Olimpia, lector ing.; STEFANESCU,
I., prof.; CHINCIU, D., ing.

Series production of spare parts for accidental repairs
in wasving mills, an imporant reserve of production
capacity. Ind text Rum 15 no. 2:76-85 F '64.

COSMA, Constanta; FARDI-BARGO, Aurelia; STAN, C.; STEFANESCU, Ioana.

The textile and ready-made clothing industry in Bucharest.
Ind text Rum 15 no.7:371-375 J1'64

1. Institute of Geology and Geography, Rumanian Academy.

SURDAN, C.; SARATEANU, D.; POPESCU, G.; SORODOC, G.; ATHANASIU,
Pierrette; STEFANESCU, I.; SILVIU DAN, S.

Research on the rickettsial or pararickettsial etiology of
certain types of thrombophlebitis. Rev. sci. med. 8 no.3/4:
181-184 '63.

(RICKETTSIAL DISEASES) (THROMBOPHLEBITIS)
(VARICOSE VEINS) (TETRACYCLINE)

SURDAN, C.; SARATEANU, D.; POPESCU, G.; ANAGNOSTE, B.; SORODOC, G.;
ATHANASIU, P.; STEFANESCU, I.; in colaborare cu: SILVIU DAN, S.

Research on the rickettsial or pararickettsial etiology of
some thrombophlebitis. Stud. cercet. inframicrobiol. 14 no.2:
161-170 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie
al Academiei R.P.R.

(THROMBOPHLEBITIS)
(THROMBOANGIITIS OBLITERANS)
(ERYTHEMA NODOSUM)
(RICKETTSIAL DISEASES)

STEFANESCU, Ioana

Some geographical aspects of the cultures in the Central Baragan.
Probleme geog 8:451-464 '61.

STEFANESCU, Ioana, cercetator (Bucuresti)

A guide for the monographic study of a collective farm. Natura
Geografie 13 no.4:59-65 J1-Ag '61.

STEFANESCU, I., cercetator (Bucuresti)

Guide to the monographic study of some state farms. Natura
Geografie 13 no. 5:57-63 S-0 '61.

STEFANESCU, I., cercetator (Bucuresti)

Some figures and facts on the agriculture of Rumania. Natura Geografie
14 no.4:35-39 J1-Ag '62.

OPREAN, I., ing.; STEFANESCU, I., ing.

Designing and constructing capacity standards. Metrologia apl
12 no.3:109-111 Mr '65.

NICOLAU, St. S.; SURDAN, C.; SARATEANU, D.; ATHANASIU, Pierrette;
SORODOC, G.; POPESCU-DANESCU, Georgeta; BABES, V.;
STEFANESCU, I.; ILIESCU, C.; RADESCU, R.; MALITCHI, E.;
CADERE, T.; FLORIAN, I.; PARASCHIVESCU, N.; SETLACEK, D.;
DUMITRESCU, St.; SILVIU DAN, S.

A study concerning the rickettsial or pararickettsial etiology
of some cardiovascular diseases. Rev. sci. med. 8 no.3/4:
151-158 '63.

1. Member of the Academy of the R.P.R. (for Nicolau).
(RICKETTSIAL DISEASES) (ANTIBODIES)
(CARDIOVASCULAR DISEASES) (ENDOCARDITIS)
(PERICARDITIS) (HEART BLOCK) (CORONARY DISEASE)
(THROMBOPHLEBITIS)

SHTEFENESKU, I.(Stefanescu, I.)

Investigations of active immunization against ovine enzootic abortion. Immunological study in various epizootic conditions. Rev. sci. med. 8 no.3/4:167-171 '63.

(RICKETTSIAL DISEASES) (SHEEP DISEASES)
(ABORTION, VETERINARY) (VACCINES)

STEFANESCU, I.

(2)

RUMANIA

D. SARATEANU, C. SURDAN, G. SORODOC, B. ANAGNOSTE and I. STEFANESCU,
Inframicrobiology Institute of the Rumanian Academy [of Sciences];
Institutul de Inframicrobiologie al Academiei R.P.R. [Bucharest.]

"Study of Incidence of Ornithosis Antibodies in Horses and Men."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2,
1963; pp 131-135.

Abstract [English summary modified]: Complement fixation studies of
166 equine and 16 human sera of the horse grooms revealed that 97 of
former and 13 of latter were positive, suggesting horses may be a
natural reservoir of the ornithosis virus. Two tables; 7 Rumanian,
1 Soviet, 1 Japanese and 4 Western references.

1/1

STEFANESCU, I.

RUMANIA

C. SURDAN, D. SARATEANU, G. POPESCU, B. ANAGNOSTE, G. SORODOC, P. ATHANASIU and I. STEFA NESCU [see affiliation above and also] Polyclinic (Policlínica) "13 Septembrie," [Bucharest.]

"Studies on the Rickettsial or Pararickettsial Etiology of Certain Thrombophlebitides."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2, 1963; 161-170.

Abstract [English summary modified]: Positive or doubtful rickettsial microagglutination tests were found in 28 out of 39 patients with thrombophlebitis obliterans, 3 of 4 erythema nodosum, all 5 with thromboangiitis obliterans; but only 5 of 11 with other diseases. Of the 36 serologically positive, 24 reacted with *Rickettsia burneti*; from the venous blood of 3 patients *Rickettsia* strains were isolated, including *R. burneti* in 2 instances. Tetracyclines were found effective therapy in thrombophlebitic affections. Much reference to Giroud's data from French Morocco. Four tables; 5 French and 11 Rumanian references.

1/1